

THERMOELECTRIC HEAT EXCHANGER

Abstract of the Disclosure

Disclosed is a system for thermally conditioning and pumping a fluid. The system includes a thermoelectric heat exchanger having a thermoelectric device configured to pump heat. Heat exchangers are provided for transferring heat to and from the thermoelectric device and for generating a fluid flow across the thermoelectric device. The conditioned fluid may be placed in thermal communication with a variety of objects, such as a vehicle seat, or anywhere localized heating and cooling are desired. Thermal isolation may also be provided in the direction of flow to enhance efficiency.

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